

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047940.D
 Acq On : 01 Oct 2025 15:09
 Operator : JC/MD
 Sample : Q3193-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20250924

Quant Time: Oct 03 01:23:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

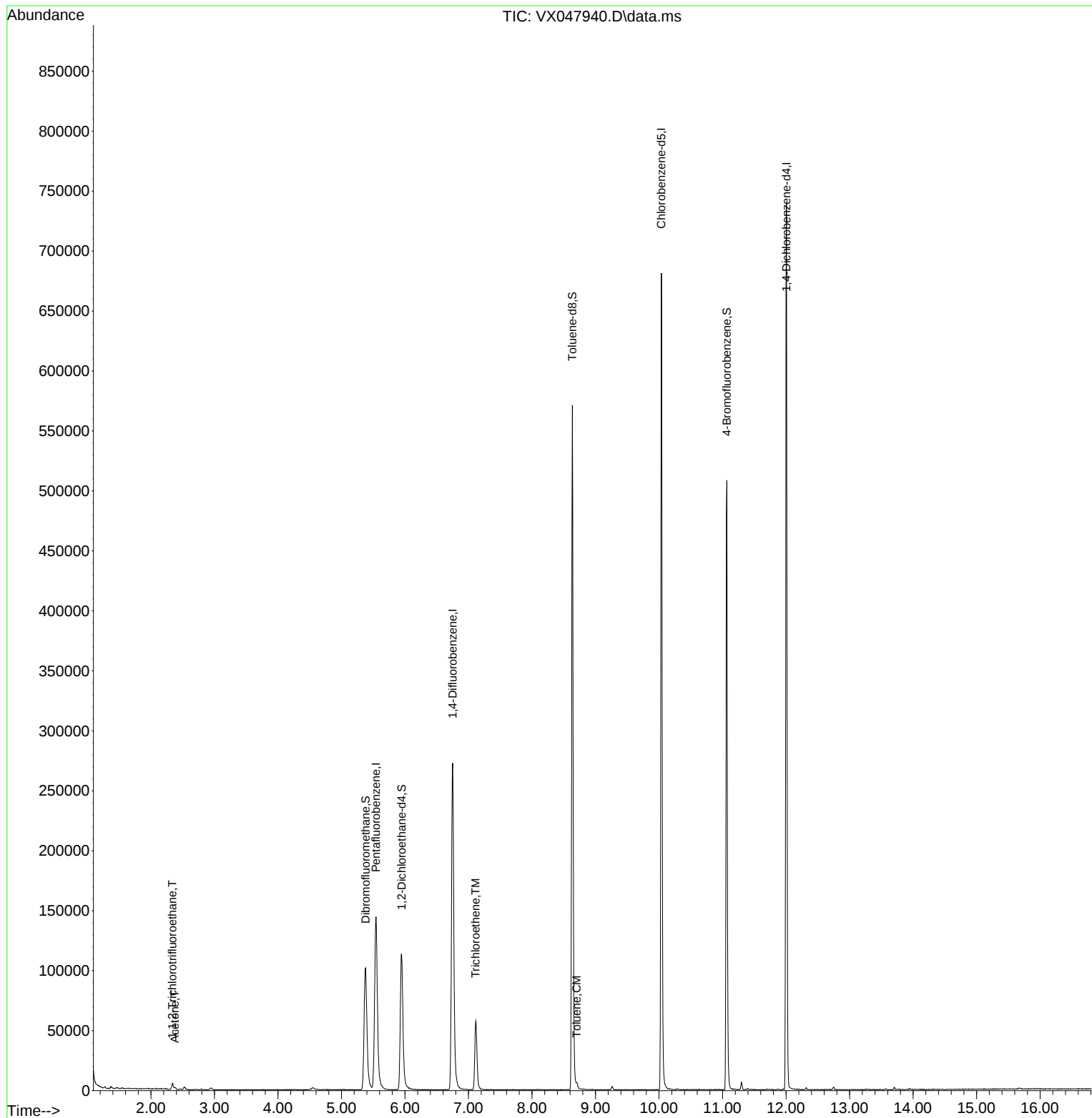
Internal Standards						
1) Pentafluorobenzene	5.544	168	142687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	297599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	311989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	154786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	123800	54.508	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.020%		
35) Dibromofluoromethane	5.379	113	99951	50.079	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.160%		
50) Toluene-d8	8.634	98	337906	48.929	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.860%		
62) 4-Bromofluorobenzene	11.067	95	148011	56.472	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.940%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.337	101	2192	1.328	ug/l	96
16) Acetone	2.373	43	1916	1.940	ug/l	90
44) Trichloroethene	7.110	130	24958	11.654	ug/l	99
52) Toluene	8.702	92	1421	0.260	ug/l	97

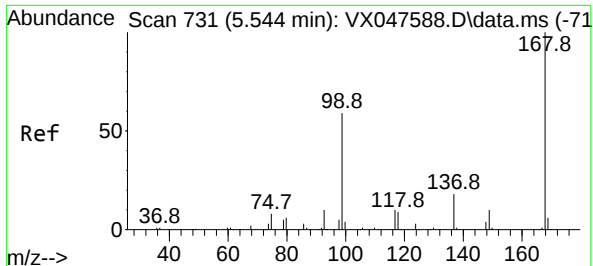
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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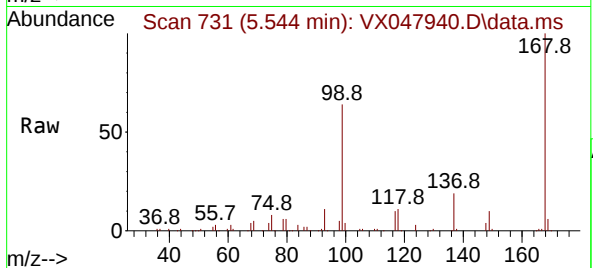
Quant Time: Oct 03 01:23:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



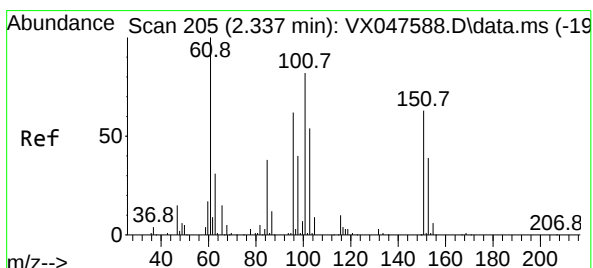
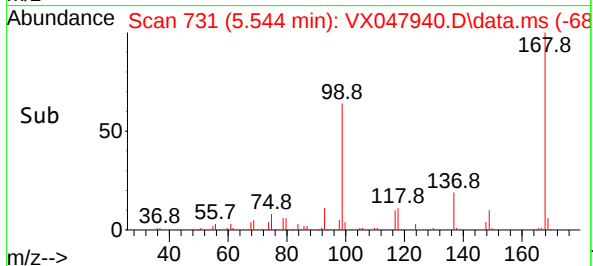
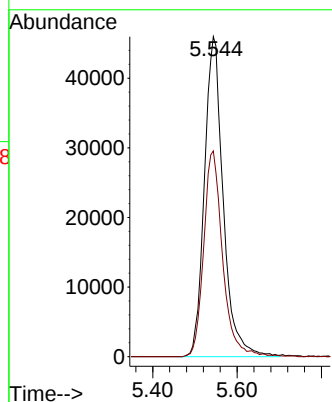


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047940.D
Acq: 01 Oct 2025 15:09

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20250924

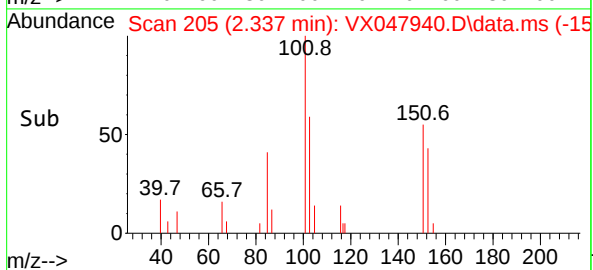
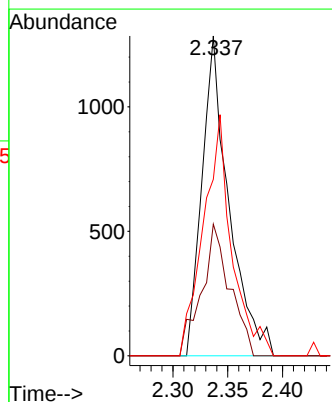
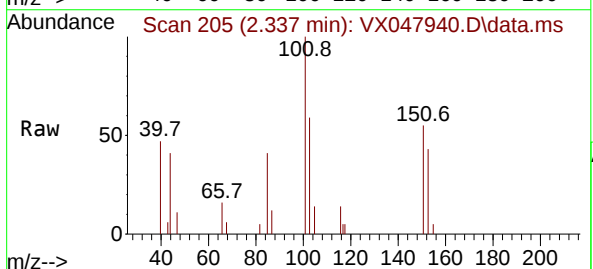


Tgt Ion:168 Resp: 142687
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.328 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047940.D
Acq: 01 Oct 2025 15:09

Tgt Ion:101 Resp: 2192
Ion Ratio Lower Upper
101 100
85 43.4 35.5 53.3
151 79.3 59.4 89.0

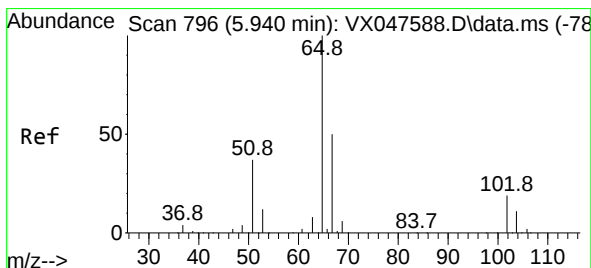
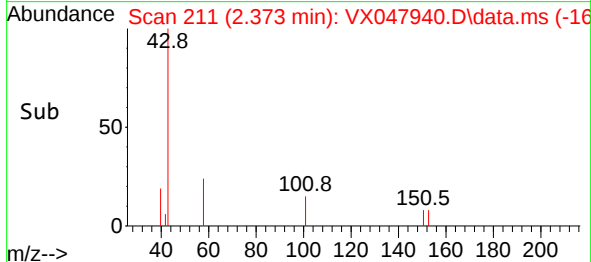
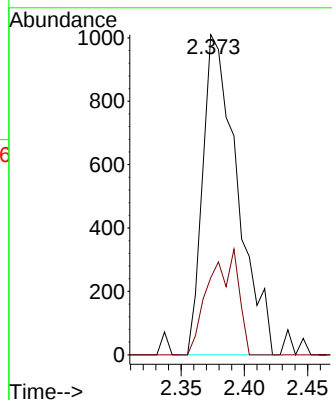
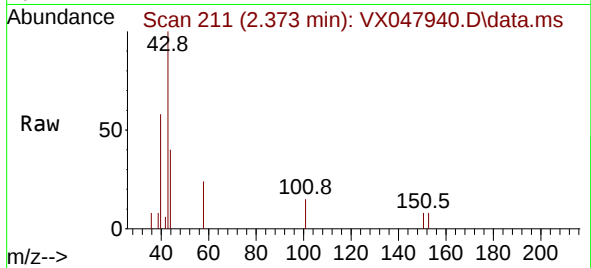




#16
Acetone
Concen: 1.940 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047940.D
Acq: 01 Oct 2025 15:09

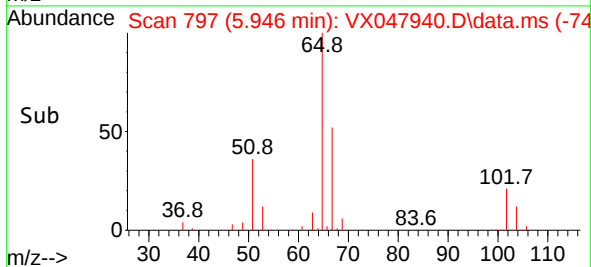
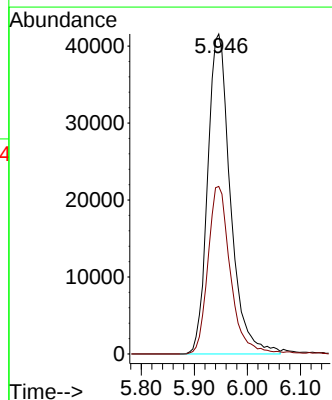
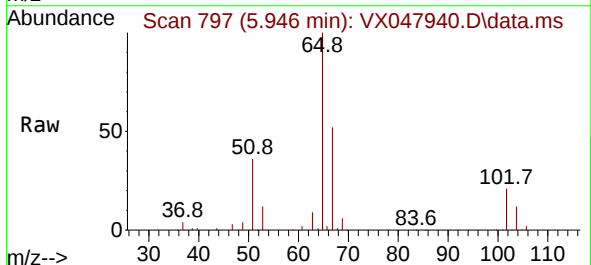
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20250924

Tgt Ion: 43 Resp: 1916
Ion Ratio Lower Upper
43 100
58 24.1 23.4 35.0



#33
1,2-Dichloroethane-d4
Concen: 54.508 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047940.D
Acq: 01 Oct 2025 15:09

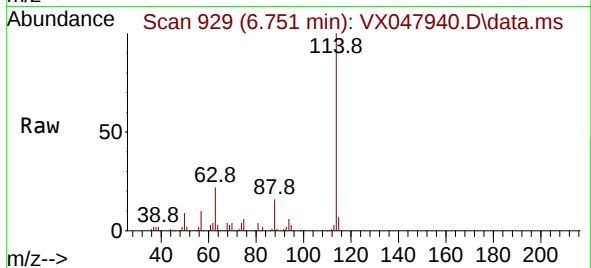
Tgt Ion: 65 Resp: 123800
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0



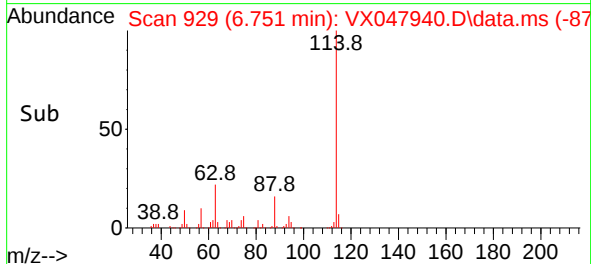
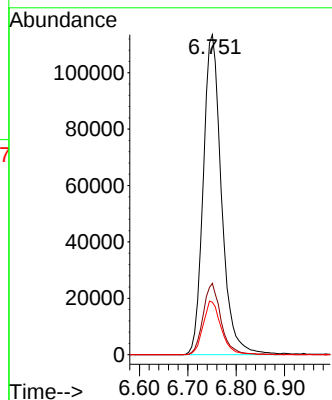


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047940.D
Acq: 01 Oct 2025 15:09

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20250924

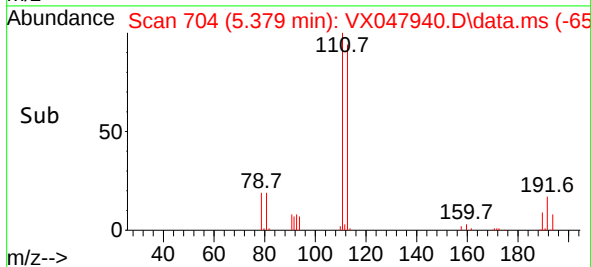
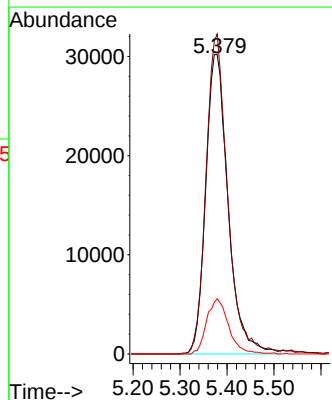
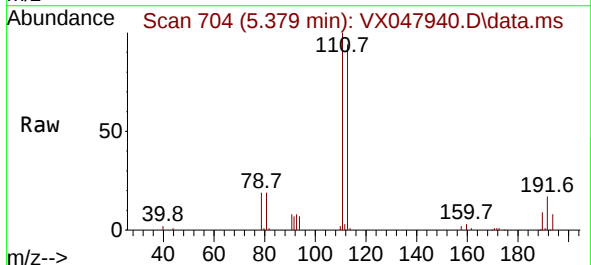


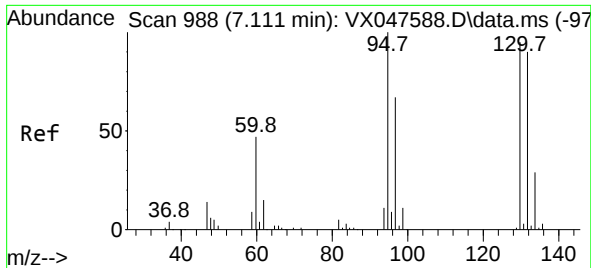
Tgt Ion:114 Resp: 297599
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.079 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047940.D
Acq: 01 Oct 2025 15:09

Tgt Ion:113 Resp: 99951
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 18.0 14.2 21.4

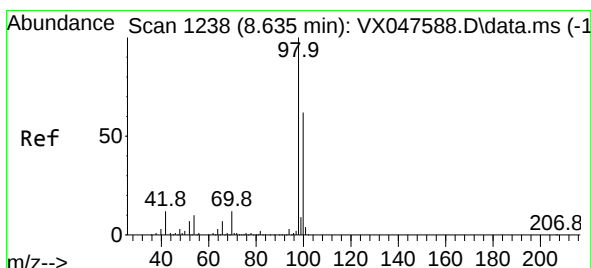
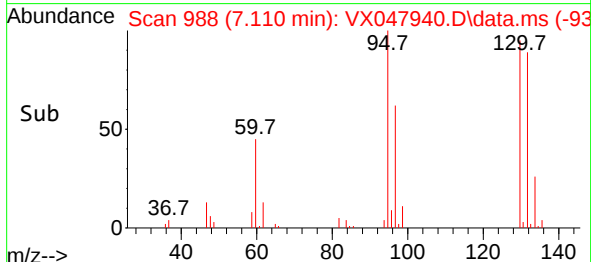
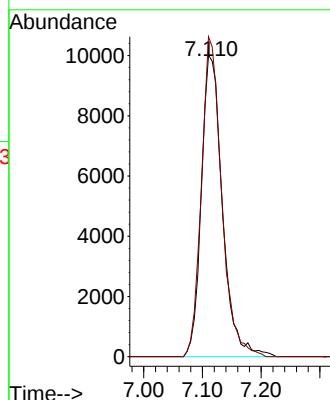
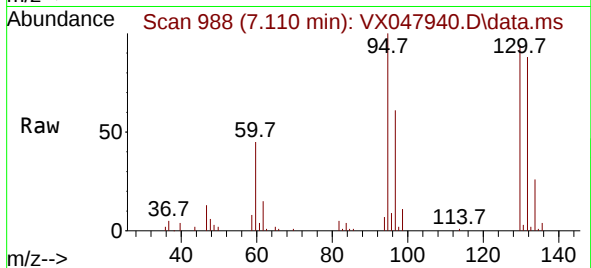




#44
Trichloroethene
Concen: 11.654 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047940.D
Acq: 01 Oct 2025 15:09

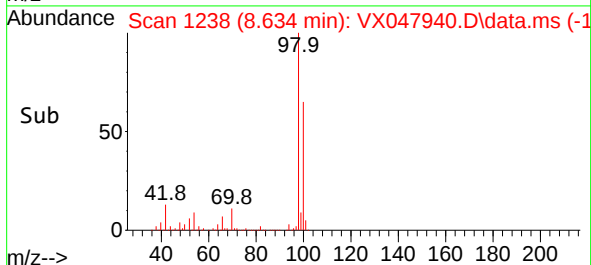
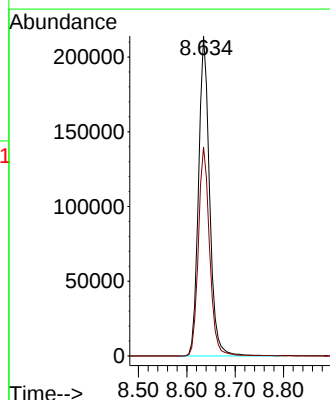
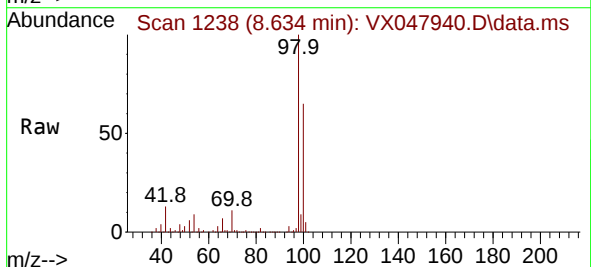
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20250924

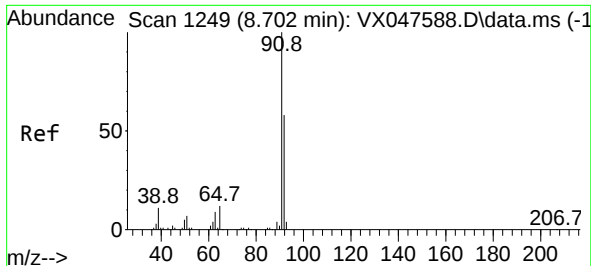
Tgt Ion:130 Resp: 24958
Ion Ratio Lower Upper
130 100
95 106.1 0.0 210.8



#50
Toluene-d8
Concen: 48.929 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047940.D
Acq: 01 Oct 2025 15:09

Tgt Ion: 98 Resp: 337906
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4

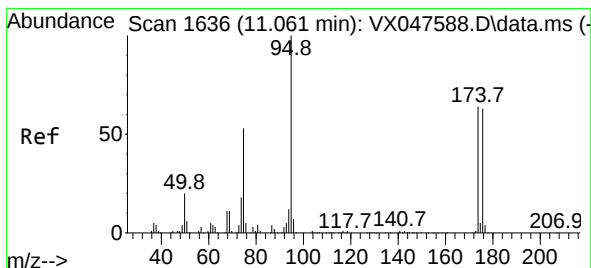
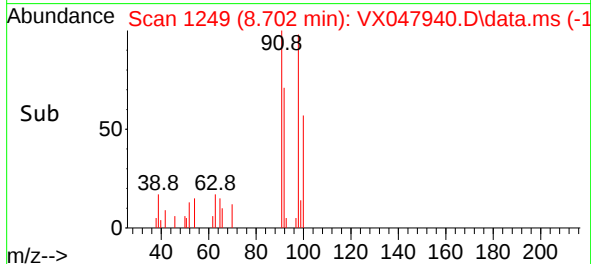
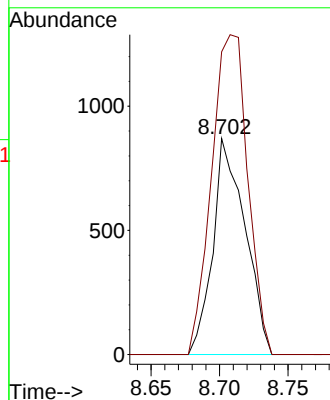
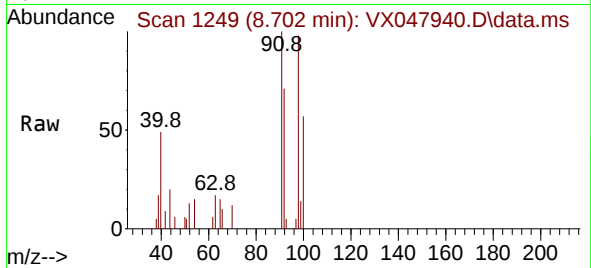




#52
Toluene
Concen: 0.260 ug/l
RT: 8.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047940.D
Acq: 01 Oct 2025 15:09

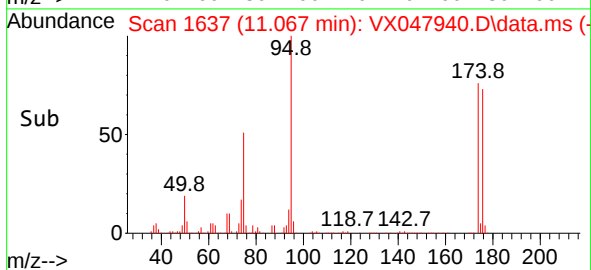
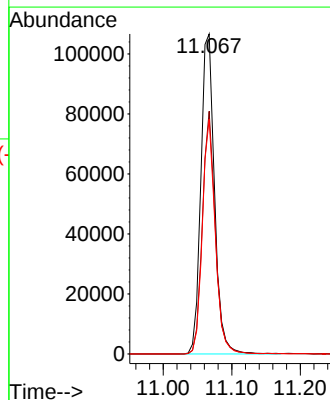
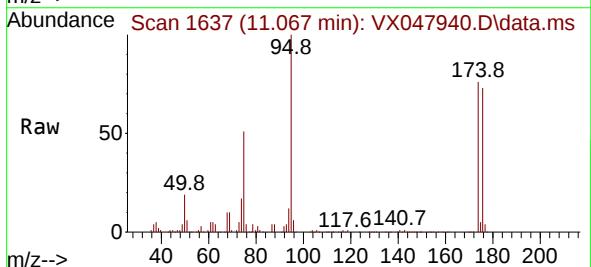
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20250924

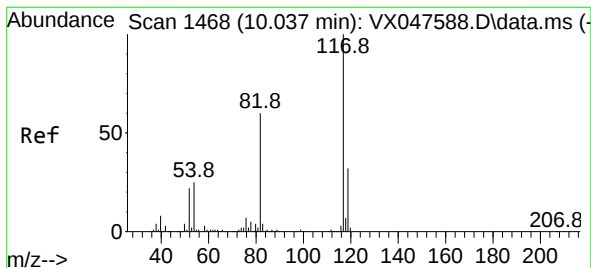
Tgt Ion: 92 Resp: 1421
Ion Ratio Lower Upper
92 100
91 166.9 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 56.472 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047940.D
Acq: 01 Oct 2025 15:09

Tgt Ion: 95 Resp: 148011
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 69.3 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047940.D

Acq: 01 Oct 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20250924

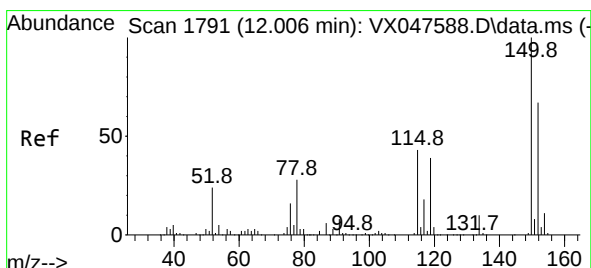
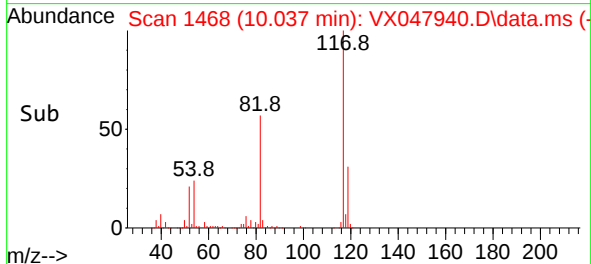
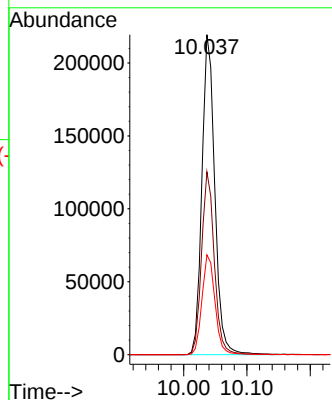
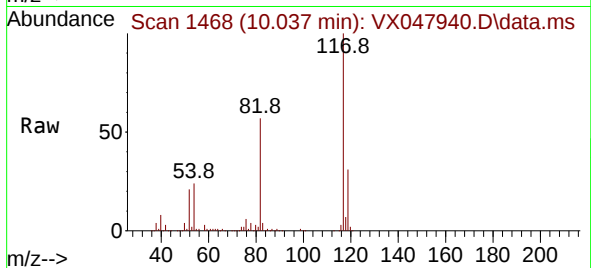
Tgt Ion:117 Resp: 311989

Ion Ratio Lower Upper

117 100

82 57.1 47.8 71.6

119 31.2 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047940.D

Acq: 01 Oct 2025 15:09

Tgt Ion:152 Resp: 154786

Ion Ratio Lower Upper

152 100

115 62.2 44.9 134.5

150 157.9 0.0 352.0

